Danish Development Agency Assistance for development of Wind Energy

4348. SHRI B. K. HARIPRASAD: Will the PRIME MINISTER be pleased to state:

(a) whether it is a fact that DANIDA (Danish Development Agency) has earmarked a loan of US $ 50 million for development of wind energy in India as a part of World Bank Scheme, and if so, the details thereof;

(b) whether a test centre for wind energy turbine is being set-up under this project; and

(c) whether any time schedule has been laid down for implementation of various components of this programme?

THE MINISTER OF STATE IN THE MINISTRY OF NON-CONVENTIONAL ENERGY RESOURCES WITH ADDITIONAL CHARGE OF THE MINISTER OF STATE IN THE MINISTRY OF AGRICULTURE (SHRI S. KRISHNA KUMAR): (a) DANIDA are appraising a proposal for providing assistance equivalent to US $ 50 million under mixed credit for co-financing the wind farm component of the World Bank GETF Renewable Resources Development Project. The Danish assistance has, however, not been committed so far.

(b) and (c) A Wind Energy Centre and Test Station are proposed to be established by the Ministry of Non-Conventional Energy Sources during the 8th Plan for which partial assistance is likely to be sought from UNDP and DANIDA. The details of the proposal have not so far been worked out.

Setting Up Joint Ventures to Tap Non-Conventional Energy Sources

4349. SHRI KRISHAN LAL SHARMA: Will the PRIME MINISTER be pleased to state:

(a) whether it is a fact that some foreign countries have shown interest in setting up joint ventures in the field of non-conventional energy sources in the country;

(b) if so, the names of the foreign countries who have shown interest in these projects;

(c) the details of the proposal received from foreign countries in this matter; and

(d) the reaction of Government to the proposal?

THE MINISTER OF STATE IN THE MINISTRY OF NON-CONVENTIONAL ENERGY RESOURCES WITH ADDITIONAL CHARGE OF THE MINISTER OF STATE IN THE MINISTRY OF AGRICULTURE (SHRI S. KRISHNA KUMAR): (a) Yes, Sir.

(b) USA, Denmark, France, UK & Israel.

(c) and (d) Interest has been expressed by manufacturers, technology experts, NRI's etc. for establishing joint ventures and projects in the areas of wind power, solar energy, cogeneration, tidal energy, rechargeable storage battery etc., including Cannon Power Corpn., AV Financial Corpn., Sea Solar Power Inc. Corporated, United Solar Systems Corpn., Siemens Solar Industries, Research and Development Laboratory of USA, M/s. Vestas & Micon of Denmark, Solel Solar Systems of Israel, Electricity De France of France etc. The Business Missions from these countries are visiting India to discuss with India industries in this connection. However, no specific proposal has so far been received.

Action Plan for 2000 MW Non-conventional Energy Capacity

4350. SHRIMATI VEENA VERMA: Will the PRIME MINISTER be pleased to state:

(a) whether Government have drawn out an action plan for creating additional 2000 MW non-conventional energy capacity during the Eighth Five Year Plan; and

(b) if so, what are the details thereof, and the annual targets fixed there-under?

THE MINISTER OF STATE IN THE MINISTRY OF NON-CONVENTIONAL ENERGY RESOURCES WITH ADDITIONAL CHARGE OF THE MINISTER OF STATE IN THE MINISTRY OF AGRICULTURE (SHRI S. KRISHNA KUMAR): (a) and (b) Yes, Sir. The Ministry of Non-conventional Energy Sources have prepared a new 'Strategy & Action Plan' which aims at achieving considerably higher targets than those originally envisaged in the Eighth Plan, by mobilising institutional finance and private entrepreneurship, in addition to budgetary provisions. The new plan aims at generation of 1655—1955 MW of power through wind, small hydro, bio-energy and solar energy sources as against about 600 MW envisaged earlier in the Eighth Plan. The implementation of the envisaged programme will, however, depend on